

CDOE
BACHELOR OF COMPUTER APPLICATIONS (CBCS-2018 COURSE)
B.C.A. Sem-V : WINTER :- 2021
SUBJECT: OBJECT ORIENTED ANALYSIS & DESIGN

Day : Wednesday
Date 23-02-2022

W-19017-2021

Time : 02:00 PM-05:00 PM
Max. Marks: 70

N. B.:

- 1) Attempt **ANY FOUR** questions from Section-I and attempt **ANY TWO** questions from Section-II
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Answer to both sections should be written in **SAME** answer book..

SECTION- I

- Q.1** Define unified approach. Explain dynamic dimension of RUP. **[10]**
- Q.2** “Activity Diagrams are advanced flow charts”, justify the statements with appropriate example. **[10]**
- Q.3** Discuss system sequence diagram using all its notations with the help of example. **[10]**
- Q.4** Why and when to draw deployment diagrams? What are advantages of it? Give example. **[10]**
- Q.5** Explain state chart diagram with its symbols and advantages. Give appropriate example. **[10]**
- Q.6** Write short notes on **ANY TWO** of the following: **[10]**
- a) Use case modeling
 - b) Object orientation
 - c) Basic elements of UML

SECTION- II

- Q.7** Design scenario and draw use case diagram for filling online examination from online. **[15]**
- Q.8** An institute wants to go for online library Management System. It will help to maintain database of books and provide functionality to issue and return books. Draw class diagram for the same. **[15]**
- Q.9** Draw component diagram for Hospital Management System. **[15]**

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